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Approved for use through 10/31/2002. OMB 0651-0032

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03945 U.S. PTO  
10/648491  
08/25/03

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. 678-1146 (P10438)
		First Inventor Ok-Jo SHIN
		Title APPARATUS FOR DETECTING CONNECTION
		Express Mail Label No. EV 333228258 US

<b>APPLICATION ELEMENTS</b>		<b>ADDRESS TO:</b>	
See MPEP chapter 600 concerning utility patent application contents.		Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	
3. <input checked="" type="checkbox"/> Specification [Total Pages 12] <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		a. <input type="checkbox"/> Computer Readable Form (CRF)	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets 3 ]		b. Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul>	
5. Oath or Declaration [ Total Pages 2 ] <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>Copy from a prior application (37 CFR 1.63 (d))</li> <li>b. <input type="checkbox"/> (for continuation/divisional with Box 18 completed)</li> </ul>		c. <input type="checkbox"/> Statements verifying identity of above copies	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		<b>ACCOMPANYING APPLICATION PARTS</b>	
		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney	
		11. <input type="checkbox"/> English Translation Document (if applicable)	
		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS <i>Citations</i>	
		13. <input type="checkbox"/> Preliminary Amendment	
		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
		15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
		16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 <i>(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Checks: \$750.00 (filing fee) and \$40.00 (Asgn Record.)</i>	
		17. <input checked="" type="checkbox"/> Other: _____	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

\*  Continuation  Divisional  Continuation-in-part (CIP) of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

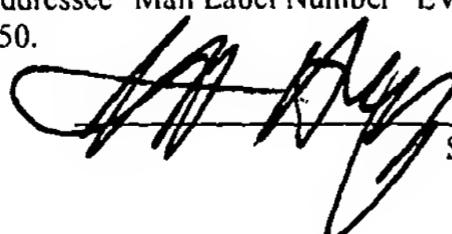
**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> Correspondence address below
Name	Paul J. Farrell, Esq.			
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Name (Print/Type)	Paul J. Farrell		Registration No. (Attorney/Agent)	33,494
Signature			Date	8/25/03

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV 333228258 US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: August 21, 2003



Seth A. Horwitz

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# FEE TRANSMITTAL

## for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

## Complete if Known

Application Number	not yet known
Filing Date	Concurrently herewith
First Named Inventor	Ok-Jo SHIN
Examiner Name	not yet known
Art Unit	not yet assigned
Attorney Docket No.	678-1146 (P10438)

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number

04-1121

Deposit Account Name

Dilworth &amp; Barrese LLP

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
 

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$)	750.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	0	18.00 0.00
1			- 3** =	0	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0.00)

\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1812 2,520	1812 2,520	1804 920*	1804 920*	Surcharge - late provisional filing fee or cover sheet	
1804 920*	1804 920*	1805 1,840*	1805 1,840*	Non-English specification	
1805 1,840*	1805 1,840*	1251 110	2251 55	For filing a request for ex parte reexamination	
1251 110	2251 55	1252 410	2252 205	Requesting publication of SIR prior to Examiner action	
1252 410	2252 205	1253 930	2253 465	Requesting publication of SIR after Examiner action	
1253 930	2253 465	1254 1,450	2254 725	Extension for reply within first month	
1254 1,450	2254 725	1255 1,970	2255 985	Extension for reply within second month	
1255 1,970	2255 985	1401 320	2401 160	Extension for reply within third month	
1401 320	2401 160	1402 320	2402 160	Extension for reply within fourth month	
1402 320	2402 160	1403 280	2403 140	Extension for reply within fifth month	
1403 280	2403 140	1451 1,510	2451 1,510	Notice of Appeal	
1451 1,510	2451 1,510	1452 110	2452 55	Filing a brief in support of an appeal	
1452 110	2452 55	1453 1,300	2453 650	Request for oral hearing	
1453 1,300	2453 650	1501 1,300	2501 650	Petition to institute a public use proceeding	
1501 1,300	2501 650	1502 470	2502 235	Petition to revive - unavoidable	
1502 470	2502 235	1503 630	2503 315	Petition to revive - unintentional	
1503 630	2503 315	1460 130	1460 130	Utility issue fee (or reissue)	
1460 130	1460 130	1807 50	1807 50	Design issue fee	
1807 50	1807 50	1806 180	1806 180	Plant issue fee	
1806 180	1806 180	8021 40	8021 40	Petitions to the Commissioner	
8021 40	8021 40	1809 750	2809 375	Processing fee under 37 CFR 1.17(q)	40
1809 750	2809 375	1810 750	2810 375	Submission of Information Disclosure Stmt	
1810 750	2810 375	1801 750	2801 375	Recording each patent assignment per property (times number of properties)	
1801 750	2801 375	1802 900	1802 900	Filing a submission after final rejection (37 CFR 1.129(a))	
1802 900	1802 900	1811 750	2811 375	For each additional invention to be examined (37 CFR 1.129(b))	
1811 750	2811 375	1803 750	2803 375	Request for Continued Examination (RCE)	
1803 750	2803 375	1804 900	1804 900	Request for expedited examination of a design application	

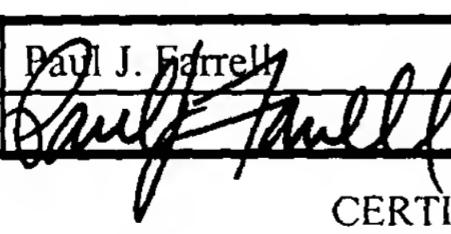
Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

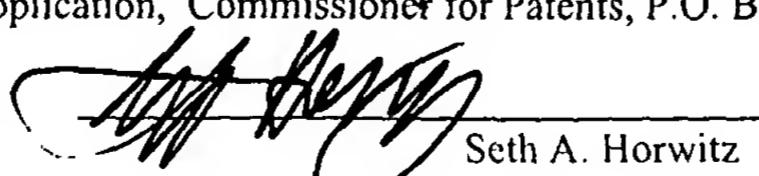
(Complete if applicable)

Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494	Telephone	(516) 228-8484
Signature				Date	8/25/03

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Dated: August 25, 2003



Seth A. Horwitz